

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
June 16, 2008

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN,
PLUGBACK, OR ADD A ZONE**

¹ Operator Name and Address Yates Petroleum Corporation 105 S. Fourth Street Artesia, NM 88210		² OGRID Number 025575
		³ API Number 30 - 015 - 36319
³ Property Code 26974 - 37773	⁵ Property Name Junior AWW State Com	⁶ Well No. 3H
⁹ Proposed Pool 1 Wildcat Wolfcamp		¹⁰ Proposed Pool 2

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	17	16S	28E		660'	South	200'	East	Eddy

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	17	16S	28E		660'	South	330'	West	Eddy

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3592'
¹⁶ Multiple N	¹⁷ Proposed Depth 6740' TVD. 11109' MD	¹⁸ Formation Wolfcamp	¹⁹ Contractor	²⁰ Spud Date ASAP

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17.5"	13 3/8"	48#	400'	425	0
11"	8.5/8"	24#	1900'	550	0
7 7/8"	5 1/2"	17#	11109'	1900	1400'

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

23

Yates Petroleum Corporation proposes to drill/test the Wolfcamp and intermediate formations. A vertical hole will be drilled and 8 5/8" casing will be set at 1900' and cemented to surface will continue to drill a 7 7/8" hole to a vertical depth of 6740'. At this point the well will be plugged back and kicked off at approximately 6086' and drilled at 12 degrees per 100' until horizontal. The lateral will then be drilled to a TVD of 6536' with a measured depth of 11109' where 5 1/2" casing will be set and cemented back to approximately 1400'.

MUD PROGRAM: 0-400' Fresh Water Gel; 400'-1900' Brine Water; 1900'-6740' Cut Brine; 6086'-11109' Cut Brine (horizontal section)

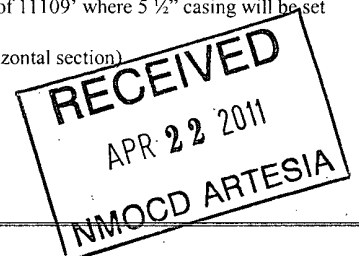
BOPE PROGRAM: A 3000# BOPE will be installed on the 8 5/8" casing and tested daily.

H2S is not anticipated.

C-144 Attached.

C-102 Attached.

Previously Approved.



23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Monti Sanders

Printed name:

Monti Sanders

Title:

Land Regulatory Technician

E-mail Address:

montis@yatespetroleum.com

Date:

4/20/11

Phone:

575-748-4244

OIL CONSERVATION DIVISION

Approved by:

AP Dade

Title:

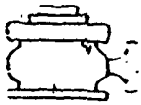
Dist II Supervisor

Approval Date:

05/13/2011

Expiration Date:

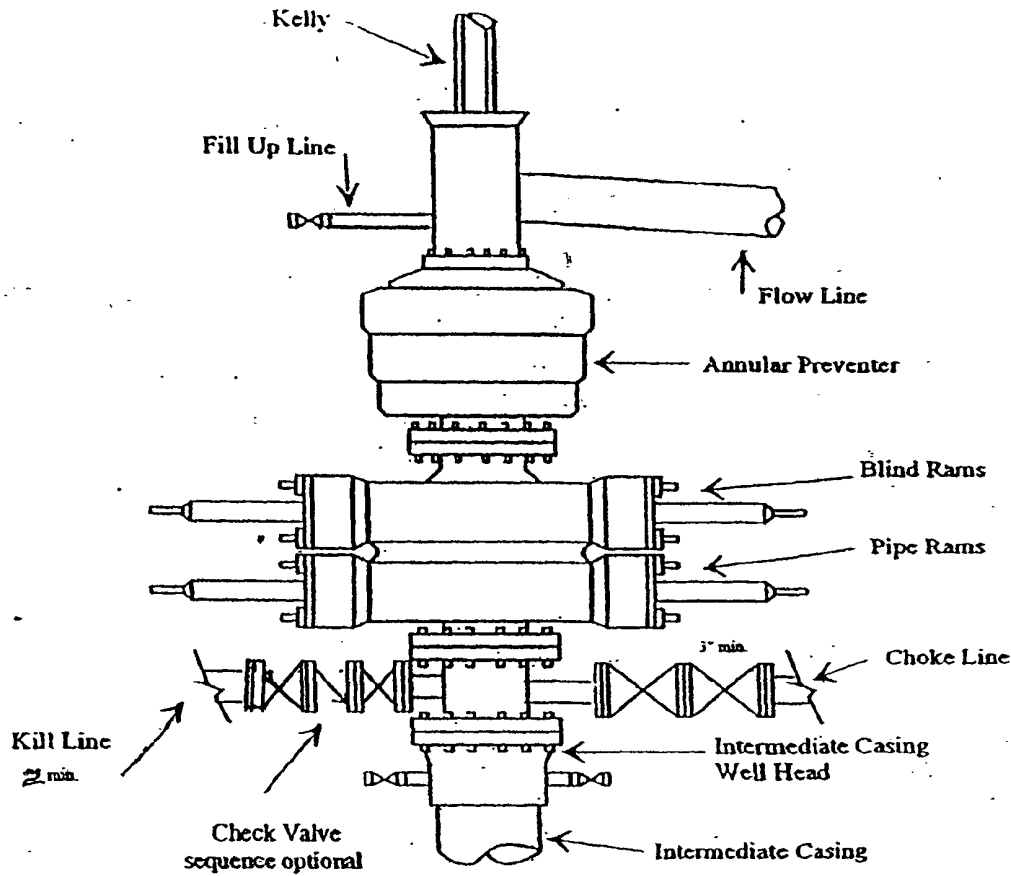
Conditions of Approval Attached ☐



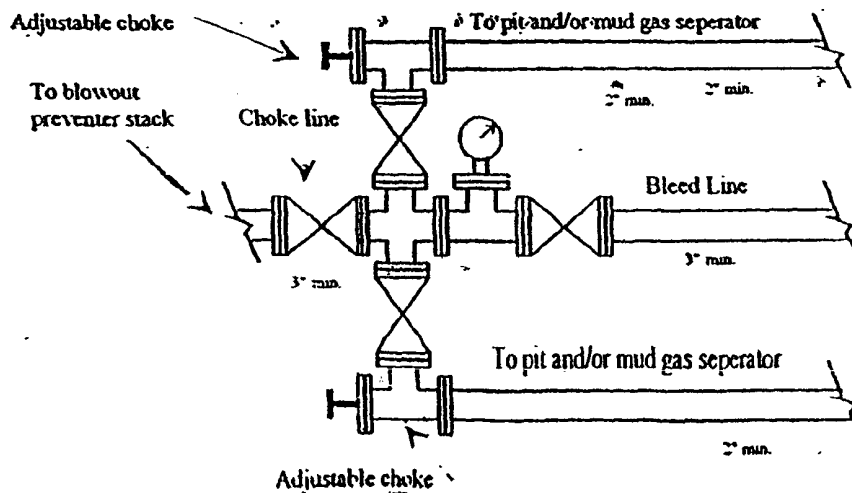
Yates Petroleum Corporation

BOP-3

Typical 3,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack

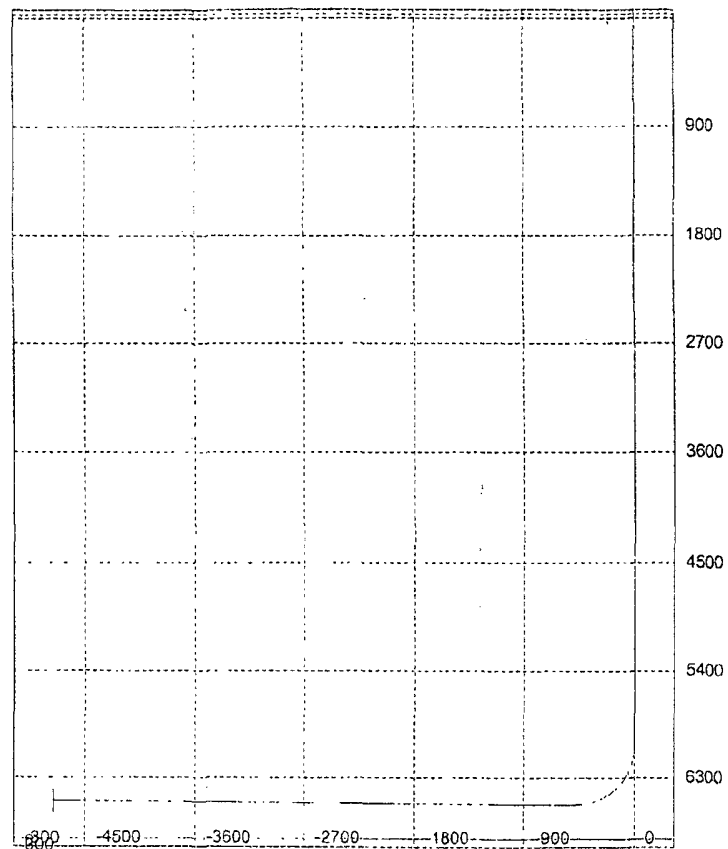


Typical 3,000 psi choke manifold assembly with at least these minimum features



3D³ Directional Drilling Planner - 3D View

Company: Yates Petroleum Corporation
Well: Junior AWW State Com. #3H



3D^s Directional Drilling Planner - 3D View

Company: Yates Petroleum Corporation
Well: Junior AWW State Com. #3H

